

Serial No.: 09/586,624



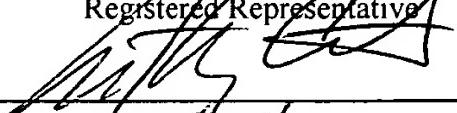
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Signature  
7/16/04

Date of Signature

Our Case No. 9281-3660  
Client Ref. No. N US99090

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
Naoya Hasegawa )  
Serial No.: 09/586,624 ) Examiner: Bernatz, Kevin M.  
Filing Date: 06/02/2000 ) Group Art Unit: 1773  
For: SPIN-VALVE TYPE )  
MAGNETORESISTIVE SENSOR )  
AND METHOD OF )  
MANUFACTURING THE SAME )

## RESPONSE TO FINAL OFFICE ACTION

MS/AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This paper is submitted in response to the Office Action of March 16, 2004. The Remarks begin on page 2.